



STATE OF ALABAMA

DEPARTMENT OF FINANCE
DIVISION OF PURCHASING

INVITATION TO BID

INVITATION TO BID NO: 10-X-2214624

REQ. AGENCY : 999999
PURCHASING DIVISION
AGENCY REQ. NO. :
T-NUMBER : T032
DATE ISSUED : 04/16/10
VENDOR NO. :
VENDOR PHONE NO. :
SNAP REQ. NO. : 1432706
BUYER NAME : PAT ANTLE

FOR: COMM INTEROPERABILITY DEVICE

BUYER PHONE NO. : (334) 242-7253-
PURCHASING PHONE NO: (334) 242-7250

BID MUST BE RECEIVED BEFORE:
DATE: 05/10/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:
DATE: 05/11/10 TIME: 10:00 AM

TO BE COMPLETED BY VENDOR

INFORMATION IN THIS SECTION SHOULD BE PROVIDED, AS APPROPRIATE. BID RESPONSE
MUST BE IN INK OR TYPED WITH ORIGINAL SIGNATURE AND NOTARIZATION.

1. DELIVERY: CAN BE MADE _____ DAYS OR _____ WEEKS AFTER RECEIPT OF ORDER
2. TERMS: _____(DISCOUNTS ARE TAKEN WITHOUT REGARD TO DATE OF PAYMENT.)
3. PRICE VALID FOR ACCEPTANCE WITHIN _____ DAYS.
4. VENDOR QUOTATION REFERENCE NUMBER, IF ANY: _____
(THIS NUMBER WILL APPEAR ON THE PURCHASE ORDER.)
5. E-MAIL ADDRESS: _____
INTERNET WEBSITE: _____
6. GENERAL CONTRACTOR'S LICENSE NO: _____
TYPE OF G.C. LICENSE: _____

***** IMPORTANT NOTE: *****

BIDDERS MUST COMPLY WITH ALL "BID RESPONSE INSTRUCTIONS" ON PAGE 2, TO INCLUDE
ITEM 7 - COPY REQUIREMENT.

RETURN INVITATION TO BID:

US MAIL

COURIER

STATE OF ALABAMA
DEPARTMENT OF FINANCE
DIVISION OF PURCHASING
P O BOX 302620
MONTGOMERY, AL 36130-2620

STATE OF ALABAMA
DIVISION OF PURCHASING
RSA UNION BUILDING
100 N. UNION ST., SUITE 192
MONTGOMERY, AL 36104

SIGNATURE AND NOTARIZATION REQUIRED

I HAVE READ THE ENTIRE BID AND AGREE TO FURNISH EACH ITEM OFFERED AT THE PRICE QUOTED.
I HERBY AFFIRM I HAVE NOT BEEN IN ANY AGREEMENT OR COLLUSION AMONG BIDDERS IN
RESTRAINT OF FREEDOM OF COMPETITION BY AGREEMENT TO BID AT A FIXED PRICE OR TO
REFRAIN FROM BIDDING.

SWORN TO AND

FEIN OR SSN

AUTHORIZED SIGNATURE (INK)

SUBSCRIBED BEFORE ME THIS

COMPANY NAME

TYPE/PRINT AUTHORIZED NAME

_____ DAY OF _____

MAIL ADDRESS

TITLE

NOTARY PUBLIC

CITY, STATE, ZIP

TOLL FREE NUMBER

TERM EXP: _____

PHONE INCLUDING AREA CODE

FAX NUMBER

STANDARD TERMS & CONDITIONS

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AUTHORITY:

THE DEPARTMENT OF FINANCE CODE OF ADMINISTRATIVE PROCEDURE, CHAPTER 355-4-1 EFFECTIVE DECEMBER 20, 2001 IS INCORPORATED BY REFERENCE AND MADE A PART OF THIS DOCUMENT. TO RECEIVE A COPY CALL (334)242-7250, OR OUR WEBSITE WWW.PURCHASING.ALABAMA.GOV .

INFORMATION AND ASSISTANCE TO MINORITY AND WOMEN-OWNED BUSINESSES IN ACQUIRING M/WBE CERTIFICATION MAY BE OBTAINED FROM THE OFFICE OF MINORITY BUSINESS ENTERPRISE, 1-800-447-4191.

BID (ITB) RESPONSE INSTRUCTIONS

REV: 01/14/10

1. TO SUBMIT A RESPONSIVE BID, READ THESE INSTRUCTIONS, ALL TERMS, CONDITIONS AND SPECIFICATIONS.
2. BID ENVELOPES/PACKAGES/BOXES MUST BE IDENTIFIED ON FRONT, PREFERABLY LOWER LEFT CORNER AND BE VISIBLE WITH THE BID NUMBER AND OPENING DATE. EACH INDIVIDUAL BID (IDENTIFIED BY A UNIQUE BID NUMBER) MUST BE SUBMITTED IN A SEPARATE ENVELOPE. RESPONSES TO MULTIPLE BID NUMBERS SUBMITTED IN THE SAME ENVELOPE/COURIER PACKAGE, THAT ARE NOT IN SEPARATE ENVELOPES PROPERLY IDENTIFIED, WILL BE REJECTED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR LATE BIDS FOR ANY REASON INCLUDING THOSE DUE TO POSTAL, OR COURIER SERVICE. BID RESPONSES MUST BE IN THE DIVISION OF PURCHASING OFFICE PRIOR TO THE "RECEIVE DATE AND TIME" INDICATED ON THE BID.
3. BID RESPONSES (PAGE 1, PRICE SHEET AND ADDENDUMS (WHEN SIGNATURE IS REQUIRED)) MUST BE IN INK OR TYPED ON THIS DOCUMENT. OR EXACT FORMAT WITH SIGNATURES BEING HANDWRITTEN ORIGINALS IN INK (PERSON SIGNING BID, NOTARY, AND NOTARY EXPIRATION), OR THE BID WILL BE REJECTED. UNLESS INDICATED IN THE BID, ALL PRICE PAGES MUST BE COMPLETED AND RETURNED. IF AN ITEM IS NOT BEING BID, IDENTIFY IT AS NB (NO-BID). PAGES SHOULD BE SECURED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR MISSING PAGES. FAXED BID RESPONSES WILL NOT BE ACCEPTED.
4. THE UNIT PRICE ALWAYS GOVERNS REGARDLESS OF THE EXTENDED AMOUNT. A UNIT PRICE CHANGE ON A LINE MUST BE INITIALED BY THE PERSON SIGNING THE BID, OR THAT LINE WILL BE REJECTED. THIS INCLUDES A CROSS-OUT, STRIKE-OVER, INK-OVER, WHITE-OUT, ERASURE, OR ANY OTHER METHOD CHANGING THE PRICE.
5. A "NO BID" MUST BE RETURNED TO REMAIN ON A CLASS/SUBCLASS. RETURN PAGE 1 OR NOTIFICATION PAGE MARKED "NO-BID". IDENTIFY IT ON THE ENVELOPE AS A "NO-BID". FAILING TO RESPOND TO 3 ITB'S WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. RESPONDING WITH 6 "NO-BIDS" WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. A "NO-BID" RECEIVED LATE IS CONSIDERED A NO RESPONSE.
6. THE DIVISION OF PURCHASING IS NOT RESPONSIBLE FOR MISINTERPRETATION OF DATA FAXED FROM THIS OFFICE.
7. THE DIVISION OF PURCHASING REQUIRES AN ORIGINAL AND A MINIMUM OF ONE COMPLETE EXACT COPY (TO INCLUDE SIGNATURE AND NOTARY) OF THE INVITATION-TO-BID RESPONSE. THE ORIGINAL AND THE COPY SHOULD BE SUBMITTED TOGETHER AS A BID PACKAGE. FAILURE TO MARK RESPONSES AS "ORIGINAL" AND/OR "COPY" COULD RESULT IN THE ENTIRE BID RESPONSE BEING REJECTED.
8. AN IMPROPERLY SUBMITTED BID, LATE BID, OR BID THAT IS CANCELLED ON OR BEFORE THE OPENING DATE WILL BE HELD FOR 90 DAYS AND THEN DESTROYED. THE BID MUST BE RETRIEVED DURING REGULAR WORK HOURS, MONDAY - FRIDAY, EXCEPT STATE HOLIDAYS. AFTER THE BID IS DESTROYED, THE DIVISION OF PURCHASING ASSUMES NO RESPONSIBILITY FOR THE DOCUMENT.

DISQUALIFIED/CANCELLED BID

BIDS THAT ARE IMPROPERLY SUBMITTED OR RECEIVED LATE WILL BE A RESPONSE FOR RECORD, BUT WILL NOT BE RETURNED OR A NOTIFICATION MAILED.

THE FOLLOWING IS A PARTIAL LIST WHEREBY A BID RESPONSE WILL BE DISQUALIFIED:

BID NUMBER NOT ON FACE OF ENVELOPE/COURIER PACKAGE/BOX
RESPONSES TO MULTIPLE BID NUMBERS IN SAME ENVELOPE NOT PROPERLY IDENTIFIED
BID RECEIVED LATE
BID NOT SIGNED/NOT ORIGINAL SIGNATURE
BID NOT NOTARIZED/NOT ORIGINAL SIGNATURE OF NOTARY AND/OR NO NOTARY EXPIRATION
NOTARIZED OWN SIGNATURE
REQUIRED INFORMATION NOT SUBMITTED WITH BID
FAILURE TO SUBMIT THE ORIGINAL BID AND A COMPLETE EXACT COPY

CERTIFICATION PURSUANT TO ACT NO. 2006-557

ALABAMA LAW (SECTION 41-4-116, CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVERY INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING, AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES INTO ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEARBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

SPECIAL TERMS & CONDITIONS

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INVITATION TO BID

INTENT TO AWARD

EFFECTIVE MAY 1, 2008, THE STATE OF ALABAMA - DIVISION OF PURCHASING WILL ISSUE AN 'INTENT TO AWARD' BEFORE A FINAL AWARD IS MADE. THE 'INTENT TO AWARD' WILL CONTINUE FOR A PERIOD OF FIVE (5) CALENDAR DAYS, AFTER WHICH A PURCHASE ORDER WILL BE PRODUCED. UPON FINAL AWARD, ALL RIGHTS TO PROTEST ARE FORFEITED. A DETAILED EXPLANATION OF THIS PROCESS MAY BE REVIEWED IN THE ALABAMA ADMINISTRATIVE CODE - CHAPTER 355-4-1(14).

ALTERNATE BID RESPONSE

UNLESS STATED ELSEWHERE IN THIS INVITATION-TO-BID (ITB) THE STATE OF ALABAMA WILL ACCEPT AND EVALUATE ALTERNATE BID SUBMITTALS ON ANY ITB'S. ALTERNATE BID RESPONSES WILL BE EVALUATED ACCORDING TO THE REQUIREMENTS AS ALL OTHER RESPONSES TO THIS ITB.

INTERNET WEBSITE LINK'S

INTERNET AND/OR WEBSITE LINKS WILL NOT BE ACCEPTED IN BID RESPONSES AS A MEANS TO SUPPLY ANY REQUIREMENTS STATED IN THIS ITB (INVITATION-TO-BID).

PRODUCT DELIVERY, RECEIVING AND ACCEPTANCE

IN ACCORDANCE WITH THE UNIVERSAL COMMERCE CODE (CODE OF ALABAMA, TITLE 7), AFTER DELIVERY, THE STATE OF ALABAMA HAS THE RIGHT TO INSPECT ALL PRODUCTS BEFORE ACCEPTING. THE STATE WILL INSPECT PRODUCTS IN A REASONABLE TIMEFRAME. SIGNATURE ON A DELIVERY DOCUMENT DOES NOT CONSTITUTE ACCEPTANCE BY THE STATE. THE STATE WILL ACCEPT PRODUCTS ONLY AFTER SATISFACTORY INSPECTION.

SALES TAX EXEMPTION

PURSUANT TO THE CODE OF ALABAMA, 1975, TITLE 40-23-4 (A) (11), THE STATE OF ALABAMA IS EXEMPT FROM PAYING SALES TAX. AN EXEMPTION LETTER WILL BE FURNISHED UPON REQUEST.

INVOICES

INQUIRIES CONCERNING PAYMENT AFTER INVOICES HAVE BEEN SUBMITTED ARE TO BE DIRECTED TO THE RECEIVING AGENCY, NOT THE DIVISION OF PURCHASING

BID RESPONSES AND BID RESULTS

UNEVALUATED BID RESPONSES (NOT BID RESULTS) ARE AVAILABLE ON OUR WEB SITE AT WWW.PURCHASING.ALABAMA.GOV. BID RESULTS WILL BE MADE AVAILABLE FOR REVIEW IN THE DIVISION OF PURCHASING OFFICE, BUT ONLY AFTER THE BID HAS BEEN AWARDED. WE DO NOT FAX OR MAIL COPIES OF BID RESULTS. IF A VENDOR WISHES TO REVIEW BID RESULTS IN OUR OFFICE, THEY SHOULD FAX THEIR REQUEST TO REVIEW THE BID TWO DAYS IN ADVANCE TO THE "BID REVIEW CLERK" AT (334) 242-4419. BE SURE TO REFERENCE THE BID NUMBER.

FOREIGN CORPORATION - CERTIFICATE OF AUTHORITY

ALABAMA LAW PROVIDES THAT A FOREIGN CORPORATION (AN OUT-OF-STATE COMPANY/FIRM) MAY NOT TRANSACT BUSINESS IN THE STATE OF ALABAMA UNTIL IT OBTAINS A CERTIFICATE OF AUTHORITY FROM THE SECRETARY OF STATE. SECTION 10-2B-15.01, CODE OF ALABAMA 1975. TO OBTAIN FORMS FOR A CERTIFICATE OF AUTHORITY, CONTACT THE SECRETARY OF STATE, CORPORATIONS DIVISION, (334) 242-5324. THE CERTIFICATE OF AUTHORITY DOES NOT KEEP THE VENDOR FROM SUBMITTING A BID.

BID IDENTIFICATION

REFERENCE PAGE 2, ITEM 2. DUE TO THE POSTAL SERVICE PUTTING BAR CODE LABELS ON ENVELOPES, IT CONCEALS THE BID NUMBER AND DATE IF THE VENDOR HAS WRITTEN THEM OTHER THAN THE LOWER LEFT CORNER, THEREFORE THE BID WOULD BE REJECTED FOR NOT BEING PROPERLY IDENTIFIED.

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INVITATION TO BID

PURPOSE:

ESTABLISH A CONTRACT FROM THE ITEMS LISTED FOR ALL STATE AGENCIES.
CONTRACT PRICES ARE AVAILABLE TO ALL LOCAL GOVERNMENTAL AGENCIES AND SCHOOLS.

AWARD:

AWARD WILL BE MADE "ALL OR NONE" TO THE LOWEST RESPONSIBLE BIDDER MEETING ALL SPECIFICATIONS.

BASIS OF EVALUATION: BID RESPONSES WILL BE EVALUATED AND AWARDED BASED ON THE CRITERIA OF MEETING ALL SPECIFICATIONS AND THE LOWEST BID PRICE OF LINE 00001, THE FIXED DEVICE.

ALL LINES ITEMS, WITH THE EXCEPTION OF LINE 00006, MUST BE BID OR YOUR BID WILL BE REJECTED. LINE 00006 WILL BE USED FOR CATALOG PURCHASES ONCE A CONTRACT IS ESTABLISHED.

DELIVERY:

ITEMS ARE TO BE DELIVERED TO VARIOUS LOCATIONS THROUGHOUT THE 67 COUNTIES IN ALABAMA. THE EXACT LOCATIONS AND QUANTITIES WILL BE PROVIDED BY THE ORDERING AGENCY.

F.O.B. DESTINATION:

F.O.B. DESTINATION IS THE LOCATION WHERE MERCHANDISE IS DELIVERED AND UNLOADED ON A RECEIVING DOCK, IF AVAILABLE, TO ANY STATE OR LOCAL GOVERNMENT AGENCY AND THE CHANGE OF TITLE TAKES PLACE. THE VENDOR IS LIABLE FOR FREIGHT CHARGES, RISK OF LOSS OR DAMAGE TO THE MERCHANDISE UP TO THE DESTINATION.

CONTRACT PERIOD:

ESTABLISH A 24 MONTH CONTRACT WITH AN OPTION TO EXTEND FOR A THIRD, FOURTH, AND FIFTH 12 MONTH PERIOD WITH THE SAME PRICING, TERMS AND CONDITIONS. THE THIRD, FOURTH, OR FIFTH 12 MONTH PERIOD, IF AGREED BY BOTH PARTIES, WOULD BEGIN THE DAY AFTER THE FIRST 24 MONTH PERIOD, OR THE THIRD, OR FOURTH 12 MONTH PERIOD EXPIRES. ANY SUCCESSIVE EXTENSION MUST HAVE WRITTEN APPROVAL OF BOTH THE STATE AND VENDOR NO LATER THAN 30 DAYS PRIOR TO EXPIRATION OF THE PREVIOUS 24 OR 12 MONTH PERIOD.

DESCRIPTIVE LITERATURE:

THE BRANDS AND MODEL NUMBERS REFERENCED PROVIDE A LEVEL OF QUALITY, AND UNLESS OTHERWISE SPECIFIED, ARE NOT RESTRICTIVE. VENDORS BIDDING ALTERNATE ITEMS MUST PROVIDE COMPLETE DESCRIPTIVE/TECHNICAL LITERATURE FOR CONSIDERATION AND EVALUATION WITH THEIR BID, AND WITH THE BID COPY PER ITEM NUMBER 7 ON PAGE 2. REFERENCE TO LITERATURE WITH A PREVIOUS BID WILL NOT SATISFY THIS REQUIREMENT. FAILURE TO PROVIDE THE REQUIRED LITERATURE WILL RESULT IN THE REJECTION OF THE BID. PHYSICAL INSPECTION AND OPERATIONAL EVALUATION MAY ALSO BE REQUIRED WITHOUT COST OR OBLIGATION TO THE STATE OF ALABAMA.

NEW EQUIPMENT:

ALL EQUIPMENT MUST BE NEW AND UNUSED AND ACCEPTABLE BY THE ORIGINAL EQUIPMENT MANUFACTURER FOR THEIR MAINTENANCE.

WARRANTY INFORMATION:

EQUIPMENT SHALL BE WARRANTED FOR A MINIMUM OF TWELVE (12) MONTHS. WARRANTY SHALL COVER ALL PARTS, LABOR & FREIGHT COST ASSOCIATED WITH REPAIRS AND/OR REPLACEMENT OF DEFECTIVE EQUIPMENT. ACCIDENTS, MISUSE AND NEGLIGENCE ARE NOT COVERED BY THIS WARRANTY. THE WARRANTY SHALL COMMENCE ON THE DATE THE EQUIPMENT IS PUT INTO SERVICE BY THE USING AGENCY. VENDOR WILL USE WHATEVER MEANS REQUIRED TO FACILITATE THIS WARRANTY, AND WILL INSURE TOTAL SATISFACTORY PERFORMANCE TO THE USING AGENCY.

PRICE CATALOG/LIST:

PRICE CATALOG/LIST FURNISHED WITH THE BID WILL BE USED FOR THE ENTIRE CONTRACT PERIOD. NO PRICE INCREASES WILL BE ALLOWED.

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INVITATION TO BID

QUANTITY:

THE EXACT QUANTITY OF EACH ITEM IS UNKNOWN. THE DIVISION OF PURCHASING DOES NOT GUARANTEE THE STATE WILL BUY ANY AMOUNT. ORDERS WILL BE PLACED BY AGENCIES AS NEEDED AND GIVE COMPLETE SHIPPING INSTRUCTIONS.

BIDDERS WHO ALLOT TO OTHER VENDORS ALL OR A PORTION OF ANY CONTRACT AWARDED FROM THIS BID ARE TO SUPPLY A LIST OF THESE SUB-VENDORS WITH THEIR BID. USE THE "SUB-VENDOR FORM" INCLUDED IN THE BID. REPRODUCE ADDITIONAL COPIES, IF NECESSARY.

AGENCIES ORDERING FROM THESE CONTRACTS WILL SELECT THE SUB-VENDOR CONSIDERED TO BE THE MOST CONVENIENT FOR THEIR USE. PAYMENTS WILL BE MADE IN THE NAME OF THE "PAYEE VENDOR" AT THE ADDRESS SHOWN ON THE SUB-VENDOR FORM.

YOUR COOPERATION IN PROVIDING THIS INFORMATION WILL FACILITATE THE AWARD OF THIS BID.

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SUB-VENDOR LIST
TYPE OR PRINT

ORDER ADDRESS

REMITTANCE ADDRESS

VENDOR NO (FEIN/SS): _____

PAYEE VENDOR NO: _____

VENDOR NAME _____

PAYEE NAME: _____

ORDER ADDRESS: _____

PAYEE ADDRESS: _____

CITY: _____

CITY: _____

STATE: _____ ZIP: _____

STATE: _____ ZIP: _____

CONTACT PERSON: _____

CONTACT PERSON: _____

TELEPHONE NO: _____

TELEPHONE NO: _____

TOLL-FREE NO: 800-_____

TOLL-FREE NO: 800-_____

FAX NO: _____

FAX NO: _____

VENDOR NO (FEIN/SS): _____

PAYEE VENDOR NO: _____

VENDOR NAME: _____

PAYEE NAME: _____

ORDER ADDRESS: _____

PAYEE ADDRESS: _____

CITY: _____

CITY: _____

STATE: _____ ZIP: _____

STATE: _____ ZIP: _____

CONTACT PERSON: _____

CONTACT PERSON: _____

TELEPHONE NO: _____

TELEPHONE NO: _____

TOLL-FREE NO: 800-_____

TOLL-FREE NO: 800-_____

FAX NO: _____

FAX NO: _____

** MAKE ADDITIONAL SHEETS IF NECESSARY

PRICE SHEET

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INVITATION TO BID

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
UNLESS SPECIFIED OTHERWISE BELOW:					
SHIP TO: R1 /					
STATEWIDE					
00001	COMMODITY CODE: 725-78-075657 INTEROPERABLE DEVICE, COMMUNICATIONS, FIXED, PER STATEWIDE CONTRACT T032	1	EA		
00002	COMMODITY CODE: 725-78-075667 INTEROPERABILITY DEVICE, COMMUNICATIONS, MOBILE, PER STATEWIDE CONTRACT T032	1	EA		
00003	COMMODITY CODE: 725-78-075737 INTEROPERABILITY DEVICE, COMMUNICATIONS, TRANSPORTABLE, PER STATEWIDE CONTRACT T032	1	EA		
00004	COMMODITY CODE: 725-78-075321 TRAINING, COMMUNICATIONS INTEROPERABILITY DEVICE, USER, ON-SITE CLASS FOR APPROXIMATELY 8 TO 15 STUDENTS, PER STATEWIDE CONTRACT T032	1	JB		
00005	COMMODITY CODE: 725-78-075322 TRAINING, FACTORY, TECHNICIAN, COMMUNICATIONS INTEROPERABILITY DEVICE, PER STATEWIDE CONTRACT T032	1	EA		
00006	COMMODITY CODE: 725-78-075738 ACCESSORIES/REPLACEMENT PARTS, COMMUNICATION INTEROPERABILITY DEVICE, PER STATEWIDE CONTRACT T032	1	LT		
CATALOG TO BE SUBMITTED WITH BID					
00007	COMMODITY CODE: 725-78-075324 SOFTWARE, WIDE AREA NETWORK CONNECT- TIVITY (WAIS) PER STATEWIDE CONTRACT T032, COMMUNICATIONS INTEROPERABILITY DEVICE PER USER LICENSE FEE	1	EA		
00008	COMMODITY CODE: 725-78-075325 INSTALLATION, HOURLY RATE, PER STATE- WIDE CONTRACT T032, COMMUNICATION INTER- OPERABILITY DEVICE, TO BE ASSOCIATED WITH THE SETUP OF EQUIPMENT PURCHASED	1	HR		
00009	COMMODITY CODE: 725-78-075327 INSTALLATION, MILEAGE RATE, PER STATE- WIDE CONTRACT T032, COMMUNICATION INTER- OPERABILITY DEVICE, TO BE ASSOCIATED	1	MI		

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PRICE SHEET

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LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
WITH THE SETUP OF EQUIPMENT PURCHASED					
00010	COMMODITY CODE: 725-78-075328 PRE-INSTALLATION SURVEY, HOURLY RATE, PER STATEWIDE CONTRACT T032, COMMUNI- CATIONS INTEROPERABILITY DEVICE. AUTHORIZED TECHNICIAN WILL GO TO A SITE WHERE INTEROPERABILITY DEVICE IS ALREADY INSTALLED AND CONDUCT A VISUAL INSPECTION OF THE CURRENT CONFIGUR- ATION OF THE SYSTEM. SURVEY WILL INCLUDE THE TECHNICIAN'S COMPLETION OF A HANDWRITTEN OR ELECTRONIC SURVEY DOCUMENT.	1	HR		
00011	COMMODITY CODE: 725-78-075329 PRE-INSTALLATION SURVEY, MILEAGE RATE, PER STATEWIDE CONTRACT T032, COMMUNI- CATIONS INTEROPERABILITY DEVICE. AUTHORIZED TECHNICIAN WILL GO TO A SITE WHERE INTEROPERABILITY DEVICE IS ALREADY INSTALLED AND CONDUCT A VISUAL INSPECTION OF THE CURRENT CONFIGUR- ATION OF THE SYSTEM. SURVEY WILL INCLUDE THE TECHNICIAN'S COMPLETION OF A HANDWRITTEN OR ELECTRONIC SURVEY DOCUMENT.	1	MI		
00012	COMMODITY CODE: 725-78-075330 MAINTENANCE, HOURLY RATE, PER STATEWIDE CONTRACT T032, COMMUNICATIONS INTER- OPERABILITY DEVICE AUTHORIZED TECHNICIAN WILL PERFORM ON-SITE WORK WHERE DEVICE IS INSTALLED OR VIA INTERNET/VPN CONNECTION TO RESOLVE OR FIX A PROBLEM HINDERING THE DEVICE AND/OR NETWORK FROM WORKING PROPERLY.	1	HR		
00013	COMMODITY CODE: 725-78-075332 MAINTENANCE, MILEAGE RATE, PER STATEWIDE CONTRACT T032, COMMUNICATIONS INTER- OPERABILITY DEVICE AUTHORIZED TECHNICIAN WILL PERFORM ON-SITE WORK WHERE DEVICE IS INSTALLED OR VIA INTERNET/VPN CONNECTION TO RESOLVE OR FIX A PROBLEM HINDERING THE DEVICE AND/OR NETWORK FROM WORKING PROPERLY.	1	MI		

PAGE TOTAL

BID TOTAL

Specifications for a Communications Interoperability Device 10-X-2214624

1.0 Overview

The intent of these specifications is to provide a complete and operational interoperable communication system.

The communications interoperability device shall interface with any combination of radios (VHF low band, VHF high band, UHF, and 700/800 MHz), conventional telephones, cellular telephones, satellite telephones, PCS phone or ESMR while allowing multiple simultaneous two-way conversations or conference calls. The device will include built-in voice prompts to guide users in the operation of the completely modular interconnect system.

This unit shall be bid in three separate configurations:

- Equipment installed in a fixed configuration;
- Equipment installed in a mobile configuration;
- Equipment configured as a transportable configuration.

The mobile and transportable configurations may have reduced capabilities. A listing of the number of possible inputs, any deleted functions and other information must be provided for each configuration.

The basic unit will consist of the chassis, backplane board, power supply, handset module and control processor module.

The successful bidder will also make available classroom hands-on training for users and technicians for this specific equipment.

2.0 Specifications

2.1 Interoperability Capabilities

This device shall interface narrow band radios to wide band radios, analog channels to digital channels, low band VHF radios to high band 800 MHz radios, and conventional channels to trunking talk group radios. In addition, it will interface VHF (wide or narrowband), UHF (wide or narrowband) 700 MHz or 800 MHz in any combination. It shall be capable of interfacing various trunking talk group radios including smart net radios, and MPT-1327 radios. The

interoperability solution will also be capable of interfacing any type of radio to any public telephone network, to private access branch exchanges, to SATCOM terminals, to cellular systems and to Nextel/Southern Linc systems. It shall also cross-connect multiple diverse encrypted radio networks together seamlessly.

The device shall be fully compatible with existing ACU-1000 gateways currently installed and in use across the State of Alabama.

2.2 Capacity

The interoperability device shall be capable of interconnecting from two (2) communication devices to twelve (12) communication devices, at a minimum in each chassis, for up to six talk groups. Chassis must have the ability to be combined to increase the total capacity of the device.

In the mobile configuration, the interoperability device shall be capable of interconnecting up to four audio ports, two VoIP channels and the gateway operator's handset. The mobile interoperability device shall have a local control-pad, headset or handset with speaker and microphone.

2.3 Unit Control

The interoperability device will have local keypad control, microphone input and headphone/speaker output via the front panel. It shall allow remote DTMF control of cross-connects over RF links, over phone circuits, over PBX circuits, over SATCOM paths, over cellular channels or from a PC.

The device will also use a Windows-based software control package compatible with Windows 98, 2000, NT and XP to provide a user-friendly GUI (graphic user interface) depicting system operation and allowing programming of features. It shall also include RS-232 serial remote control.

This Windows-based software control package shall allow connecting and disconnecting of any interoperability channel with any other interoperability channel. It shall permit programming of all DSP radio interface features, as well as phone interface features, or SATCOM interface features. This software will keep an historic log of all interoperability transactions referenced to time of day, shall permit password protection of all critical features, and shall allow priority access and rejection relative to individual passwords. It shall provide the ability to program and store specific interoperability scenario combinations based on individual contingencies and related interoperability response plans. It shall allow quick and easy all-call broadcast of emergency messages over all channels

simultaneously. It shall provide for monitoring of any combination of interoperability channels by any other channel.

Each interoperability device shall allow from two (2) to six (6) cross-connect nets at one time. The software shall allow multiple interoperability gateways to be networked together over a large area to produce wide area interoperability systems.

The device must be capable of connecting to and being operated by Raytheon's wide area interoperability software (wais). The device must be fully capable of transmitting and receiving patched radio traffic while connected to an ACU-1000 gateway connected via the wais.

3.0 Unit Capabilities

3.1 Digital Signal Processing (DSP) Capabilities

This particular device shall employ a digital signal processing (DSP) algorithm on each radio interface that will detect speech spectrum in heavy receiver noise to key cross-connected radios or other communication devices reliably with carrier operated relay (COR) signals. This speech spectrum detector shall be capable of ignoring sirens, whistles, horns, etc., without falsely keying cross-connected radios. In addition, it shall provide a DSP noise reduction algorithm capable of cleaning up noisy receiver signals before transmitting them over clean channels.

3.2 Telephone Interface Capabilities

The interoperability device shall also employ a DSP-based adaptive hybrid to produce dynamically adjusted nulls at a minimum of 45db at every audio frequency on telephone interfaces. The adaptive broadband hybrid nulls will allow reliable interfacing of any radio to low quality phone lines. The device shall also provide a reliable DSP VOX (Voice Operated Transmit) algorithm to key radios from voice signals received remotely over phone, SATCOM and cellular circuits.

It shall also be designed to include a local telephone interface capability to act as an extension phone for the interconnect system. The local phone circuit shall produce ring voltage, loop current, busy signal, and dial tone so an interfaced conversional phone acts as though it is hooked to the central office even though it is connected to the interoperability device over nothing but a 2-wire direct circuit. This device will also allow interfacing with remote radios over dial-up lines, leased lines, microwave circuits, LANs, WANs or the internet.

It shall offer VOIP capability optimized for radio performance, and be capable of operating transparently over a network. It shall allow network interfacing over T1, E1, frame relay, DSL and cable modem. The VOIP performance of the unit shall allow use of a wide area data network more efficiently by including radio voice communications comprised of transmit audio, keyline, receive audio and COR.

3.3 Power Source/Supply

The unit must be capable of operation from 12VDC and 115VAC power sources. All AC and DC power cable shall be provided with the units.

3.4 Devices That Can Be Cross-Connected

The interoperability solution shall be capable of interconnecting with VHF low band, VHF high band, UHF, and 700/800 MHz through a multitude of specially designed radio interface cables. It must allow users to interconnect a wide array of radios of all types by selecting appropriate cables from an interface cable cache defined during the contingency planning portion of a site survey. The unit must be designed to allow interconnection and operation of a newly arrived radio in less than five (5) minutes when the interface cable is available.

3.5 Lost Phrases or Syllables

This device will use digital delay to guarantee no lost syllables resulting from channel acquisition times when cross-connecting trunking radios. The required sophisticated digital delay capability shall be DSP-based and shall delay speech going into the transmit side of a trunking radio until channel acquisition occurs.

3.6 Radio System Interface Capabilities

The interoperability solution shall be capable of interfacing local government trunked or conventional wireless radio networks with state conventional and trunked land mobile radio systems as well as digital to analog radio system. It will also be able to interface state radio systems with federal agency radios during and after a terrorist incident or weather-related disaster.

3.7 Configuration of Units

The interoperable equipment shall be bid in three configurations as specified in the Section 1.0 Overview. A complete listing of capabilities must be included in bid for each configuration.

Fixed Configuration:

The fixed configuration shall be the device contained in an open or closed equipment type rack unable to be moved or transported to a different location while in operation.

Mobile Configuration:

The mobile configuration shall be capable of deployment as a tactical package for on-scene interoperability by one person.

- The following mobile configuration option shall be priced in the Vendor's price catalog:

This option shall allow for the mobile device to be stored in a hard plastic case (Pelican model or equivalent) with customized foam inserts to protect device, cables, and portable radios. The case must support carrying the device, up to 4 portable radios, all cables needed to operate the device, and any other items needed in order to properly deploy and utilize the device. To be included in this catalog pricing option is four patch cables, the type to be determined at the time of order by the purchaser. The case should be pre-configured to allow the appropriate storing of the device, cables, and portable radios. The case should be of such size and weight to be handled easily and safely by a First Responder and fit into a trunk of a Ford Crown Victoria or Sports Utility Vehicle.

Transportable Configuration:

The transportable configuration shall have the same capabilities as the fixed configuration and be capable of movement from one site to another. This configuration must be self contained and capable of being transported by two or more people.

3.8 Remote Operation

The device shall perform either as an unmanned gateway or as a manned gateway while providing interoperability over multiple radios. The public telephone interface feature shall be designed to permit incident commanders to participate in problem management of an interoperability solution when not on scene. The device must be fully capable of being operated by the Wide Area Interoperable

Software that is currently used in Alabama to remote operate existing radio gateways.

3.9 Network Software

The device shall allow the interconnection of multiple devices with multiple radios at other sites by networking together two or more devices simultaneously. This would allow for regional and state wide interoperable connections. In order to produce this connectivity, the device shall operate utilizing computer software showing multiple gateway's status, talk groups, and busy channels. The device must be fully functional with this software. The Software must produce talk groups and patches across the entire established network. This software must be fully compatible with the existing Wide Area Interoperable Software (WAIS) already in use throughout Alabama.

This software shall be a onetime purchase, per license and shall not have a reoccurring cost. New versions of the software and/or upgrades of any kind shall be supplied to the end user during the term of the contract at no cost.

3.10 Computer Interface Capabilities

The interoperability device shall also include an ethernet-to-serial remote control interface allowing the required computer control software to operate from multiple dispatch locations simultaneously. It shall also be equipped with networking capability to allow control of multiple interconnects gateways from multiple computers simultaneously in a wide area of interoperability format.

4.0 Radio and Communications Interface Cables

Radio and communications interface cables will be included in the purchase for the initial installation of 12 inputs/outputs. Cabling for additional radio units will be specified at the time of purchase and must be available (pre-made) through the successful bidder.

5.0 Assembly and Staging

The device(s) must be shipped, tested and ready for usage at no additional cost, if required by the purchaser.

Radios used with the radio gateway devices will be supplied by the purchaser.

6.0 Installation

Devices requiring installation must be installed by a local, trained, authorized dealer and/or representative. **Vendor must submit a listing of all their authorized dealers in the State of Alabama with this bid.**

7.0 Training

User training will be conducted on-site or at a location suitable to and provided by the purchaser. It is estimated that each training class would have approximately 8-15 students. The bid price shall include all student materials. The bid price shall include all expenses for the instructor for one class.

Factory training for the technicians will also be available to cover set-up, optimization, deployment and basic maintenance of the unit. Each class shall consist of two days of training at the factory training location. The bid price shall be per individual.

8.0 Warranty

Warranty period for the interoperability device, signal processing modules and cables will be for twelve months, after installation, to cover parts and labor.

The bid price shall include one year (warranty period) of software updates.

Installation time frame will not exceed six months from date of purchase.

The warranty period shall start after final acceptance of the system.

9.0 Maintenance and Service

Maintenance and Service shall be available from local, trained, authorized representatives.

10.0 Replacement Parts Inventory

An inventory of immediately available spare replacement parts shall be maintained by the successful bidder. The minimum inventory will include the following items:

Power Supply

Handset Module
Control Processing Module
Backplane Board
Speaker
Handset
VoIP Interface Module
Telephone Interface Module
Radio Interface Module

A catalog for all replacement parts and accessories must be submitted with pricing at the time of bid.

If any equipment is discontinued during the contract period, replacement equipment must be equal to or greater in performance, features and function, and at the same price, terms and conditions as stated in the bid.

11.0 Price Catalog

Vendor must submit with bid the price catalog/list that will be in effect during the proposed contract period; otherwise the bid will be rejected.

At a minimum, the following must be included in the Vendor's Catalog Pricing each item listed in the catalog at a fixed price:

- Case and Cables (as specified above in Section 3.7 Mobile Configuration)
- Interface cabling
- All replacement parts and accessories (at a minimum those items listed in Section 10.0)
- Installation (hourly rate) and (mileage rate)
 - Installation is the cost(s) incurred or associated with the setup of the purchased equipment.
- Pre-Installation Survey (hourly rate) and (mileage rate)
 - Pre-Installation Survey is defined as an authorized technician coming to a site where this device is already installed and conducting a visual inspection of the current configuration of the system. This will also included the technician's completion of a handwritten or electronic survey document.
- Maintenance (hourly rate) and (mileage rate)
 - Maintenance is defined as an authorized technician performing on-site work where device is installed or via internet/VPN connection to resolve or fix a problem hindering the device and/or network from working properly.